

ABSTRACT OF THE DISCLOSURE

A reamer assembly for widening a drilled pilot hole or for widening a hole that has been widened in a first step in a down-the-hole drilling operation, wherein the reamer assembly includes a shank (14) for attachment of the reamer to the end of a down-the-hole hammer drill and a conical drill bit or crown (15). The conical bit (15) of the reamer is divided into at least three segments (18) which are terminated with a transverse end surface (21) that directly connects said conical segments and at least three of said segments (18) include drill buttons (16) that are disposed equidistantly from the center axis of the drill bit (15).